

Prof. Sema Çağlar

Personal Information

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Education Information

Doctorate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2005 - 2010

Postgraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2002 - 2005

Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2008 - 2002

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, 3-Pikolin ve 1,10-Fenantrolin İçeren 2-Benzoilbenzoat Metal Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özelliklerinin İncelenmesi, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010

Postgraduate, 2-Aminometilpiridin ve 2-Aminoetilpiridin Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özelliklerinin İncelenmesi, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2005

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2023 - Continues

Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2020 - 2023

Associate Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2015 - 2020

Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010 - 2015

Research Assistant, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2007 - 2010

Advising Theses

Çağlar S., Bi₂S₃ nano-çubukları dekore edilmiş bentonit nanokompozitin yapısal karakterizasyonu ve fotokatalitik uygulamaları, Postgraduate, S.ERSOY(Student), 2021

Çağlar S., NSAIDs ve Pikolin Türevleri ile Çinko(II) Komplekslerinin Sentezi, Yapısal Karakterizasyonu ve Antikanser Aktivitelerinin İncelenmesi, Postgraduate, T.POLAT(Student), 2021

Çağlar S., Niflumik asit ve pikolin türevleri (2-pikolin, 3-pikolin, 4-pikolin) ile kobalt(II), nikel(II) vebakır(II) komplekslerin sentezi, spektroskopik, termik, yapısal ve antikanser özelliklerinin incelenmesi, Postgraduate, S.ÇARDAK(Student), 2019

Çağlar S., Mefenamik asit, diklofenak ve n-grubu içeren ligantlarla platin(II) ve paladyum(II) komplekslerinin sentezi, spektroskopik, termik ve yapısal özelliklerinin incelenmesi, Postgraduate, K.ERDOĞAN(Student), 2018

Çağlar S., N-grubu içeren ligantlarla mefenamik asit metal komplekslerinin sentezi, spektroskopik, termik, yapısal ve biyolojik özelliklerinin incelenmesi, Postgraduate, N.DOĞANÇAY(Student), 2017

Çağlar S., N-grubu içeren ligantlarla diklofenak Co(II), Ni(II) ve Cu(II) komplekslerinin sentezi, spektroskopik, termik ve yapısal özelliklerinin incelenmesi, Postgraduate, İ.ESRA(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The non-steroidal anti-inflammatory drugs based on Zinc(II) picoline complexes: Synthesis, characterization, and evaluation of antiproliferative effects against human breast adenocarcinoma MDA-MB-453 cells by inducing ROS-mediated apoptosis and down-regulating PI3K/AKT signaling pathway**
Caglar S., Polat T., Altay A., Yeniceri E., Caglar B.
POLYHEDRON, vol.254, 2024 (SCI-Expanded)
- II. **Design, synthesis, anticancer evaluation and molecular docking studies of new imidazo [2, 1-b] thiazole -based chalcones**
Dadou S., Altay A., Koudad M., Türkmenoğlu B., Yeniçeri E., Çağlar S., Allali M., Oussaid A., Benchat N., Karrouchi K.
Medicinal Chemistry Research, vol.31, no.8, pp.1369-1383, 2022 (SCI-Expanded)
- III. **Facile synthesis of TiO₂-coated cotton fabric and its versatile applications in photocatalysis, pH sensor and antibacterial activities**
Özdemir A. O., Çağlar B., Çubuk O., Çoldur F., Kuzucu M., Keleş Güner E., Doğan B., Çağlar S., Özdoğur K. V.
Materials Chemistry and Physics, vol.287, 2022 (SCI-Expanded)
- IV. **Synthesis, structural characterization and evaluation of anticancer activity of polymeric silver(I) complexes based on niflumic acid/naproxen and picoline derivatives**
Çağlar S., Altay A., Harurluoğlu B., Yeniceri E. K. K., Çağlar B., Şahin O.
Journal of Coordination Chemistry, vol.75, no.1-2, pp.178-196, 2022 (SCI-Expanded)
- V. **Silver(I) complexes containing diclofenac and niflumic acid induce apoptosis in human-derived cancer cell lines**
Altay A., Çağlar S., Çağlar B.
Archives of Physiology and Biochemistry, vol.128, no.1, pp.69-79, 2022 (SCI-Expanded)
- VI. **Bi₂S₃ nanorods decorated on bentonite nanocomposite for enhanced visible-light-driven photocatalytic performance towards degradation of organic dyes**
Çağlar B., Keleş Güner E., Ersoy S., Çağlar S., Özdemir A. O., Özdoğur K. V., Doğan B., İçer F., Çırak Ç.
Journal of Alloys and Compounds, vol.885, 2021 (SCI-Expanded)
- VII. **In Vitro Anticancer Activity of Novel Co(II) and Ni(II) Complexes of Non-steroidal Anti-inflammatory Drug Niflumic Acid Against Human Breast Adenocarcinoma MCF-7 Cells**
Çağlar S., Altay A., Kuzucu M., Çağlar B.
CELL BIOCHEMISTRY AND BIOPHYSICS, no.4, pp.729-746, 2021 (SCI-Expanded)
- VIII. **Application of BiFeO₃ and Au/BiFeO₃ decorated kaolinite nanocomposites as efficient photocatalyst for degradation of dye and electrocatalyst for oxygen reduction reaction**
ÇAĞLAR B., KELEŞ GÜNER E., ÖZDOKUR K. V., ÖZDEMİR A. O., İÇER F., ÇAĞLAR S., Doğan B., BEŞER B. M., ÇIRAK Ç., Tabak A., et al.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 2021 (SCI-Expanded)
- IX. **Binuclear silver(I) complexes with the non-steroidal anti-inflammatory drug tolfenamic acid: Synthesis, characterization, cytotoxic activity and evaluation of cellular mechanism of action**
Harurluoğlu B., Altay A., Çağlar S., Yeniceri E. K. K., Çağlar B., Şahin Z. S.

POLYHEDRON, vol.202, 2021 (SCI-Expanded)

- X. **A novel amperometric H₂O₂ biosensor constructed by cress peroxidase entrapped on BiFeO₃ nanoparticles**
Çağlar B., İçer F., Özdokur K. V., Çağlar S., Özdemir A. O., Keleş Güner E., Beşer B. M., Altay A., Çırak Ç., Doğan B., et al.
Materials Chemistry and Physics, vol.262, 2021 (SCI-Expanded)
- XI. **TRINUCLEAR SILVER(I) COMPLEX OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG NAPROXEN: SYNTHESIS, CHARACTERIZATION, AND IN VITRO CYTOTOXICITY**
Çağlar S., Altay A., Harurluoğlu B., Çağlar B.
Macedonian Journal of Chemistry and Chemical Engineering, vol.40, no.2, pp.171-180, 2021 (SCI-Expanded)
- XII. **Novel silver(I) complexes bearing mefenamic acid and pyridine derivatives: Synthesis, chemical characterization and in vitro anticancer evaluation**
Altay A., Çağlar S., Çağlar B., Şahin Z. S.
INORGANICA CHIMICA ACTA, vol.493, pp.61-71, 2019 (SCI-Expanded)
- XIII. **Y Synthesis, characterization, and in vitro effect of the Cu(II) complex with niflumic acid and 3-picoline on paraoxanase-I**
Dilek E., Çağlar S., Cardak S., Karakoc B., Çağlar B., Şahin O.
ARCHIV DER PHARMAZIE, vol.352, no.6, 2019 (SCI-Expanded)
- XIV. **Novel Copper(II)-Selective Potentiometric Sensor Based on a Folic Acid-Functionalized Carbon Nanotube Material**
Topcu C., Çağlar B., Keleş Güner E., Çoldur F., Çağlar S., Yildirim O., Özdokur K. V., Çubuk O.
ANALYTICAL LETTERS, vol.52, no.16, pp.2524-2545, 2019 (SCI-Expanded)
- XV. **Synthesis, structural, thermal elucidation and in vitro anticancer activity of novel silver(I) complexes with non-steroidal anti-inflammatory drugs diclofenac and mefenamic acid including picoline derivatives**
Altay A., Çağlar S., Çağlar B., Şahin O.
POLYHEDRON, vol.151, pp.160-170, 2018 (SCI-Expanded)
- XVI. **Fe₃O₄ nanoparticles decorated smectite nanocomposite: Characterization, photocatalytic and electrocatalytic activities**
ÇAĞLAR B., KELEŞ GÜNER E., Keles K., ÖZDOKUR K. V., Cubuk O., ÇOLDUR F., ÇAĞLAR S., Topcu C., Tabak A.
SOLID STATE SCIENCES, pp.122-136, 2018 (SCI-Expanded)
- XVII. **Synthesis and characterization of four novel palladium(II) and platinum(II) complexes with 1-(2-aminoethyl)pyrrolidine, diclofenac and mefenamic acid: In vitro effect of these complexes on human serum paraoxanase1 activity**
Dilek E., Çağlar S., Erdogan K., Çağlar B., Sahin O.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.4, 2018 (SCI-Expanded)
- XVIII. **Structural characterization of chitosan-smectite nanocomposite and its application in the development of a novel potentiometric monohydrogen phosphate-selective sensor**
Topcu C., Çağlar B., Onder A., Çoldur F., Çağlar S., Keleş Güner E., Cubuk O., Tabak A.
MATERIALS RESEARCH BULLETIN, pp.288-299, 2018 (SCI-Expanded)
- XIX. **Structural, thermal and morphological properties of a novel poly(acrylamide-comethacrylic acid)/organoclay nanocomposite**
Çağlar B., Çoldur F., Çağlar S., Cubuk O., Tabak A., Topcu C.
Inorganic and Nano-Metal Chemistry, vol.47, no.3, pp.360-364, 2017 (SCI-Expanded)
- XX. **Synthesis, characterization, photoluminescent properties and antimicrobial activities of two novel polymeric silver(I) complexes with diclofenac**
Alışır S., SARIBOĞA B., ÇAĞLAR S., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1130, pp.156-164, 2017 (SCI-Expanded)
- XXI. **Synthesis, crystal structure, spectroscopy, thermal properties and carbonic anhydrase activities of new metal(II) complexes with mefenamic acid and picoline derivatives**
Dilek E., Çağlar S., Dogancay N., Çağlar B., Sahin O., Tabak A.
JOURNAL OF COORDINATION CHEMISTRY, no.16, pp.2833-2852, 2017 (SCI-Expanded)

- XXII. **Characterization of a hybrid-smectite nanomaterial formed by immobilizing of N-pyridin-2-ylmethylsuccinamic acid onto (3-aminopropyl) triethoxysilane modified smectite and its potentiometric sensor application**
Topcu C., Çağlar S., Çağlar B., Çoldur F., Çubuk O., Sarp G., Gedik K., Cirak B. B., Tabak A.
ADVANCES IN NATURAL SCIENCES-NANOSCIENCE AND NANOTECHNOLOGY, no.3, 2016 (SCI-Expanded)
- XXIII. **Structural, thermal, morphological and surface charge properties of dodecyltrimethylammonium-smectite composites**
Çağlar B., Topcu C., Çoldur F., Sarp G., Çağlar S., Tabak A., Sahin E.
JOURNAL OF MOLECULAR STRUCTURE, pp.70-79, 2016 (SCI-Expanded)
- XXIV. **New metal complexes with diclofenac containing 2-pyridineethanol or 2-pyridinepropanol: synthesis, structural, spectroscopic, thermal properties, catechol oxidase and carbonic anhydrase activities**
Çağlar S., Dilek E., Çağlar B., Adiguzel E., Temel E., Buyukgungor O., Tabak A.
JOURNAL OF COORDINATION CHEMISTRY, vol.69, no.22, pp.3321-3335, 2016 (SCI-Expanded)
- XXV. **New copper(II) complexes including pyridine-2,5-dicarboxylic acid: synthesis, spectroscopic, thermal properties, crystal structure and how these complexes interact with purified PON 1 enzyme**
Çağlar S., Dilek E., Alışır S., Çağlar B.
JOURNAL OF COORDINATION CHEMISTRY, vol.69, no.16, pp.2482-2492, 2016 (SCI-Expanded)
- XXVI. **Syntheses, crystallographic, mass-spectroscopic determination and antioxidant studies of Co(II), Ni(II) and Cu(II) complexes of a new imidazol based Schiff base**
DEMİR S., Guder A., Yazıcılar T. K., ÇAĞLAR S., Buyukgungor O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.150, pp.821-828, 2015 (SCI-Expanded)
- XXVII. **Copper(II) 2-Benzoylbenzoate Complexes Containing 2-Pyridylmethanol and 2-Pyridylethanol: Synthesis, Crystal Structures, Spectroscopic, and Thermal Properties**
ÇAĞLAR S., Saykal T., Buyukgungor O., ŞAHİN E.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.44, no.9, pp.1234-1242, 2014 (SCI-Expanded)
- XXVIII. **Four diclofenac complexes with cobalt(II) and nickel(II) ions: synthesis, spectroscopic properties, thermal decompositions, crystal structures, and carbonic anhydrase activities**
ÇAĞLAR S., Aydemir I. E., Cankaya M., KUZUCU M., Temel E., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.67, no.6, pp.969-985, 2014 (SCI-Expanded)
- XXIX. **Mono and dinuclear copper(II) naproxenato complexes containing 3-picoline and 4-picoline: synthesis, structure, properties, catechol oxidase, and antimicrobial activities**
ÇAĞLAR S., Adiguzel E., SARIBOĞA B., Temel E., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.67, no.4, pp.670-683, 2014 (SCI-Expanded)
- XXX. **Four copper(II) diclofenac complexes with pyridine derivatives: Synthesis, crystal structures, spectroscopic properties, thermal analysis and catechol oxidase activities**
Çağlar S., Aydemir I. E., Adiguzel E., Çağlar B., Demir S., Buyukgungor O.
INORGANICA CHIMICA ACTA, vol.408, pp.131-138, 2013 (SCI-Expanded)
- XXXI. **Synthesis, crystal structure, spectroscopic, thermal, catechol oxidase and catalase-like studies: New copper(II) complexes of 2-benzoylbenzoate and 2-pyridylpropanol ligands**
Çağlar S., Adiguzel E., Çağlar B., Saykal T., Şahin E., Buyukgungor O.
INORGANICA CHIMICA ACTA, vol.397, pp.101-109, 2013 (SCI-Expanded)
- XXXII. **Two New 2-Benzoylbenzoate Metal Complexes with Bapen: Synthesis, Spectroscopic and Crystal Structures**
Çağlar S., Çağlar B., Buyukgungor O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.42, no.5, pp.464-471, 2012 (SCI-Expanded)
- XXXIII. **Crystal structures, thermal, spectroscopic properties and DFT/TD-DFT based investigation of [M(bba)(2)(phen)] (M = Cu and Zn, bba=2-benzoylbenzoato, phen=1,10-phenanthroline)**
ÇAĞLAR S., Demir S., HEREN Z., Buyukgungor O.

- POLYHEDRON, vol.30, no.8, pp.1389-1395, 2011 (SCI-Expanded)
- XXXIV. **Synthesis, crystal structures, thermal, and spectroscopic properties of four new metal(II) (M = Co, Ni, Cu, Hg) complexes of 2-benzoylbenzoate with 3-picoline**
 Çağlar S., Heren Z., Buyukgungor O.
 JOURNAL OF COORDINATION CHEMISTRY, vol.64, no.15, pp.2706-2717, 2011 (SCI-Expanded)
- XXXV. **Synthesis, thermal and spectroscopic properties, and crystal structures of [Co(bba)(2)(H2O)(phen)] and [Ni(bba)(2)(H2O)(butOH)(phen)] (bba=2-benzoylbenzoate, phen=1,10-phenanthroline, butOH = butanol)**
 ÇAĞLAR S., HEREN Z., Buyukgungor O.
 JOURNAL OF COORDINATION CHEMISTRY, vol.64, no.7, pp.1289-1298, 2011 (SCI-Expanded)
- XXXVI. **Synthesis, Characterization, and Crystal Structures of a Novel [Zn-3(bba)(6)(3-pic)(2)] Complex (bba=2-Benzoylbenzoat, 3-pic=3-Picoline)**
 ÇAĞLAR S., HEREN Z., Yildirim M. H.
 SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.41, no.8, pp.1022-1027, 2011 (SCI-Expanded)
- XXXVII. **Bis(saccharinato)copper(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine:: Syntheses, crystal structures, spectral and thermal characterizations of *trans*-[Cu(sac)₂(ampy)₂] and [Cu(sac)₂(aepy)(H₂O)] (ampy=2-aminomethylpyridine and aepy=2-aminoethylpyridine)**
 YILMAZ V. T., Caglar S., Harrison W.
 JOURNAL OF COORDINATION CHEMISTRY, vol.58, no.6, pp.549-558, 2005 (SCI-Expanded)
- XXXVIII. ***Trans*-bis(saccharinato)cadmium(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine -: Synthesis, crystal structures, spectral and thermal characterization of *trans*-[Cd(sac)₂(ampy)₂] and *trans*-[Cd(sac)₂(aepy)₂]**
 YILMAZ V. T., Caglar S., Harrison W.
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.7, pp.1126-1130, 2004 (SCI-Expanded)
- XXXIX. **Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine**
 YILMAZ V. T., Caglar S., Harrison W.
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.10, pp.1512-1516, 2004 (SCI-Expanded)
- XL. **A one-dimensional lead(II) coordination polymer with bridging saccharinate and 2-aminomethylpyridine ligands:: Synthesis, IR spectra, and crystal structure of [Pb(ampy)(μ-sac)₂]_n**
 YILMAZ V. T., Caglar S., Harrison W.
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.6, pp.948-951, 2004 (SCI-Expanded)
- XLI. **Bis(saccharinato)nickel(II) complexes with 2-aminomethyl and -ethylpyridines:: Syntheses, crystal structures, spectral and thermal analyses of *trans*-[Ni(sac-*N*)₂(ampy-*N*,*N*)₂] and *trans*-[Ni(sac-*O*)₂(aepy-*N*,*N*)₂]**
 YILMAZ V. T., Caglar S., Harrison W.
 TRANSITION METAL CHEMISTRY, vol.29, no.5, pp.477-482, 2004 (SCI-Expanded)
- XLII. **Bis(saccharinato-κ*N*)zinc(II) complexes with *N,N*'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**
 YILMAZ V. T., Caglar S., Harrison W.
 ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.60, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **In Vitro Cytotoxic Evaluation of a Silver(I) Complex Including Non-Steroidal Anti-Inflammatory Drug Niflumic Acid and 3-Picolin on Human-Derived Cancer Cell Lines**
Çağlar S., Altay A., Çağlar B., Kağan Yeniçeri E. K., Harurluoğlu B.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.3, pp.736-748, 2022 (Peer-Reviewed Journal)
- II. **3-Pikolin Ve Diklofenak İçeren Yeni Diklofenak Kompleksinin Sentezi, Kristal, Spektroskopik, Termik Ve DFT Çalışmaları**
ÇAĞLAR S., DEMİR S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.966-979, 2019 (Peer-Reviewed Journal)
- III. **Characterization of a hybrid smectitenanomaterial formed by immobilizing of N pyridin 2 ylmethylsuccinamic acid onto 3 aminopropyl triethoxysilane modified smectite and its potentiometric sensor application**
TOPCU C., ÇAĞLAR S., ÇAĞLAR B., ÇOLDUR F., ÇUBUK O., sarp g., gedik k., çırak b. b., TABAK A.
Advances in Natural Sciences: Nanoscience and Nanotechnology, vol.7, no.35012, 2016 (Peer-Reviewed Journal)
- IV. **Effects of mono and dinuclear copper(II) complexes derived from non-steroidal anti-inflammatory drug naproxen on human serum paraoxanase1 (PON1) activity"**
Dilek E., Çağlar S.
International Journal of Pharmaceutical Chemistry, vol.5, no.5, pp.189-195, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Characterization of Novel Poly(Acrylamide-co-Methacrylic Acid) Nanocomposite Modified with Organosmectite**
ÇAĞLAR S.
1.st International Conference on Engineering and Natural Sciences, Macedonia, pp.200
- II. **"[Zn₃(bba)₆(3-pic)₂] (bba = 2-benzoilbenzoat, 3-pic = 3-pikolin) Kompleksinin Sentezi, Kristal yapısı, Termal ve Spektroskopik Özelliği**
ÇAĞLAR S., HEREN Z., BUYUKGUNGOR O.
III. Anorganik Kimya Kongresi, Çanakkale, Turkey, pp.260
- III. **[Co(bba)₂(H₂O)(phen)] ve [Ni(bba)₂(H₂O)(butOH)(phen)] (bba = 2-benzoilbenzoat, phen = 1,10-fenantrolin, butOH = bütanol) Komplekslerinin Sentezi, Kristal yapıları, Termal ve Spektroskopik Özellikleri**
ÇAĞLAR S., HEREN Z., BUYUKGUNGOR O.
III. Anorganik Kimya Kongresi, Çanakkale, Turkey, pp.259
- IV. **"[M(bba)₂(phen)] (M: Cu, Zn; bba = 2-benzoilbenzoat; phen = 1,10-fenantrolin) Komplekslerinin Sentezi, Kristal yapısı, Termal ve Spektroskopik Özellikleri**
ÇAĞLAR S., HEREN Z., BUYUKGUNGOR O.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, pp.148
- V. **[M(bba)₂(H₂O)₂(3-pic)₂] (M: Co, Ni; bba = 2-benzoilbenzoat; 3-pic = 3-pikolin) Komplekslerinin Sentezi, Kristal yapısı, Termal ve Spektroskopik Özellikleri**
ÇAĞLAR S., HEREN Z., BUYUKGUNGOR O.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, pp.147
- VI. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
2nd International Conference on Advanced Engineering Technologies - ICADET 2017, 21 - 23 September 2018
- VII. **Characterization of Magnetite Decorated Bentonite and Its Voltammetric Application for Chlorite Determination**
KELEŞ K., ÖZDOKUR K. V., KELEŞ GÜNER E., ÇAĞLAR S., ÇUBUK O., ÇOLAK I., ÇAĞLAR B.

8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC) 9-11 May, 2018 Istanbul/Turkey, 9 - 11 May 2018

- VIII. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
II. International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017
- IX. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
2nd International Conference on Advanced Engineering Technologies - ICADET 2017, Bayburt, Turkey, 21 - 23 September 2017, pp.1212
- X. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
II. International Conference on Advanced Engineering Tegnologies, Bayburt, Turkey, 21 - 23 September 2017
- XI. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
2nd International Conference on Advanced Engineering Technologies - ICADET 2017, Bayburt, Turkey, 21 - 23 September 2017, pp.1212
- XII. **Synthesis of folic acid functionalized carbon nanotube material and its utilization as ionophore in Cu(II)-selective electrode**
KELEŞ GÜNER E., ÇAĞLAR B., TOPCU C., ÇOLDUR F., ÇAĞLAR S.
2nd International Conference on Advanced Engineering Technologies - ICADET 2017, Bayburt, Turkey, 21 - 23 September 2017, pp.1212
- XIII. **Structural, morphological and thermal characterization of trimethyloctadecylammonium-bentonite composites**
ÇAĞLAR B., TOPCU C., ÇAĞLAR S., ÇAĞLAR M., DOĞAN S.
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XX. [Cu(2,5-Hpydc)(2-ampy)(H₂O)].H₂O ve [Cu(2,5-Hpydc)(2-aepy)(H₂O)].H₂O Komplekslerinin Sentezi, Karakterizasyonu ve İnsan Serum PON1 Enzim Aktivitesi Üzerine Etkilerinin İncelenmesi
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XXI. [Co(dicl)₂(3-pic)₂] ve [Co(dicl)₂(2-aepyr)₂] Komplekslerinin Sentezi, Kristal yapıları, Termik, Spektroskopik ve Karbonik Anhidraz I ve II İzoenzimleri Üzerine Etkisinin İncelenmesi
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Supported Projects

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Congress and Symposium Activities

8. Anorganik Kimya Kongresi, Attendee, Tekirdağ, Turkey, 2021